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## PREPARED FOR

**ANALYTICAL REPORT** 

Attn: Gina Roys Clayton County Recycling 11645 Echo Avenue PO BOX 861 Monona, Iowa 52159

Generated 10/13/2025 8:55:10 AM

JOB DESCRIPTION

CCR 091625

**JOB NUMBER** 

310-316497-1

Eurofins Cedar Falls 3019 Venture Way Cedar Falls IA 50613



#### **Eurofins Cedar Falls**

#### **Job Notes**

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

#### **Authorization**

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Authorized for release by Brian Graettinger, Business Unit Manager Brian.Graettinger@et.eurofinsus.com Designee for Hannah Dietz, Project Manager I

<u>Hannah.Dietz@et.eurofinsus.com</u> (319)277-2401

Client: Clayton County Recycling Project/Site: CCR 091625

Laboratory Job ID: 310-316497-1

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#### **Case Narrative**

Client: Clayton County Recycling

Project: CCR 091625

Job ID: 310-316497-1 Eurofins Cedar Falls

#### Job Narrative 310-316497-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established
  acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or
  otherwise explained in the case narrative.

#### Receipt

The sample was received on 9/25/2025 8:45 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved without ice.

#### Receipt Exceptions

The following sample was received at the laboratory outside the required temperature criteria: CCT 091625 (310-316497-1). This does not meet regulatory requirements.

#### PCB<sub>5</sub>

Method 8082A: Due to the matrix, the initial volume(s) used for the following sample deviated from the standard procedure: CCT 091625 (310-316497-1). The reporting limits (RLs) have been adjusted proportionately.

Method 8082A: The continuing calibration verification (CCV) associated with batch 310-469267 recovered above the upper control limit for PCB-1268. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8082A: The continuing calibration verification (CCV) associated with batch 310-469267 recovered above the upper control limit for PCB-1221 and PCB-1254. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8082A: Standard 5 of the ICAL for PCB-1248 was inadvertently omitted and standard 6 was run twice. Point 5 has been removed from the curve. Approved by supervisor.

Method 8082A: The continuing calibration verification (CCV) associated with batch 310-469386 recovered above the upper control limit for PCB-1268. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8082A: The continuing calibration verification (CCV) associated with batch 310-469386 recovered above the upper control limit for PCB-1221 and PCB-1254. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8082A - TCLP: The continuing calibration verification (CCV) associated with batch 310-469382 recovered above the upper control limit for PCB-1268. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8082A - TCLP: The continuing calibration verification (CCV) associated with batch 310-469382 recovered above the upper control limit for PCB-1242 and PCB-1268. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8082A - TCLP: The continuing calibration verification (CCV) associated with batch 310-469382 recovered above the upper control limit for PCB-1254. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8082A - TCLP: The continuing calibration verification (CCV) associated with batch 310-469449 recovered above the upper

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#### Case Narrative

Client: Clayton County Recycling

Project: CCR 091625

#### Job ID: 310-316497-1 (Continued)

#### **Eurofins Cedar Falls**

Job ID: 310-316497-1

control limit for PCB-1268. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8082A - TCLP: The continuing calibration verification (CCV) associated with batch 310-469449 recovered above the upper control limit for PCB-1254. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

#### Metals

Method 6010D - TCLP: The continuing calibration verification (CCV) associated with batch 310-469360 recovered above the upper control limit for Silver. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 6010D - TCLP: The following sample(s) was diluted due to the presence of an interferent. CCT 091625 (310-316497-1). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

#### General Chemistry

Method 9023: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 860-265731 and analytical batch 860-266153 recovered outside control limits for the following analytes. The %Rec is within acceptable limits: Halogens, Extractable Organic.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

### **Sample Summary**

Client: Clayton County Recycling Project/Site: CCR 091625

Sample Origin Lab Sample ID Client Sample ID Matrix Collected Received 310-316497-1 CCR 091625 09/16/25 00:00 09/25/25 08:45 lowa Solid

Job ID: 310-316497-1

Client: Clayton County Recycling Project/Site: CCR 091625

Lab Sample ID: 310-316497-1

Client Sample ID: CCR 091625 Date Collected: 09/16/25 00:00

Matrix: Solid

Job ID: 310-316497-1

Date Received: 09/25/25 08:45

Client Sample ID: CCR 091625

Analyte	Result	Qualifier	RL	MDL U	Jnit 🛚 🗅	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00185		0.00185	n	ng/L	10/02/25 15:20	10/09/25 03:19	1
PCB-1221	<0.00185		0.00185	n	ng/L	10/02/25 15:20	10/09/25 03:19	1
PCB-1232	<0.00185		0.00185	n	ng/L	10/02/25 15:20	10/09/25 03:19	1
PCB-1242	<0.00185		0.00185	n	ng/L	10/02/25 15:20	10/09/25 03:19	1
PCB-1248	<0.00185		0.00185	n	ng/L	10/02/25 15:20	10/09/25 03:19	1
PCB-1254	< 0.00185		0.00185	n	ng/L	10/02/25 15:20	10/09/25 03:19	1
PCB-1260	<0.00185		0.00185	n	ng/L	10/02/25 15:20	10/09/25 03:19	1
PCB-1268	<0.00185		0.00185	n	ng/L	10/02/25 15:20	10/09/25 03:19	1
Polychlorinated biphenyls, Total	<0.00185		0.00185	n	ng/L	10/02/25 15:20	10/09/25 03:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	38		10 - 150			10/02/25 15:20	10/09/25 03:19	1
Tetrachloro-m-xylene (Surr)	49		17 - 150			10/02/25 15:20	10/09/25 03:19	1

Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.300	0.300		mg/L		10/02/25 09:30	10/08/25 10:44	3
Barium	<0.600	0.600		mg/L		10/02/25 09:30	10/08/25 10:44	3
Cadmium	<0.0600	0.0600		mg/L		10/02/25 09:30	10/08/25 10:44	3
Chromium	0.604	0.0600		mg/L		10/02/25 09:30	10/08/25 10:44	3
Lead	<0.300	0.300		mg/L		10/02/25 09:30	10/08/25 10:44	3
Selenium	<0.300	0.300		mg/L		10/02/25 09:30	10/08/25 10:44	3
Silver	<0.150 ^+	0.150		mg/L		10/02/25 09:30	10/08/25 10:44	3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00200		0.00200		mg/L		10/01/25 15:10	10/02/25 11:20	1
General Chemistry									
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
BTU (ASTM D240-87)	<500		500		BTU/lb			10/07/25 15:31	1
Flashpoint (ASTM D92)	>201		65.0		Degrees F			09/29/25 16:15	1

Analyte	Result	Qualifier	RL	RL U	nit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	6.6	HF	1.0	SI	J			09/27/25 00:13	1

Date Collected: 09/16/25 00:00 **Matrix: Solid** Date Received: 09/25/25 08:45 Percent Solids: 97.7

Analyte	Result Qualifier	RL	MDL (	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.146	0.146	n	mg/Kg	<u></u>	10/04/25 08:51	10/09/25 07:30	1
PCB-1221	<0.146	0.146	n	mg/Kg	₩	10/04/25 08:51	10/09/25 07:30	1
PCB-1232	<0.146	0.146	n	mg/Kg	☼	10/04/25 08:51	10/09/25 07:30	1
PCB-1242	<0.146	0.146	n	mg/Kg	₩	10/04/25 08:51	10/09/25 07:30	1
PCB-1248	<0.146	0.146	n	mg/Kg	☼	10/04/25 08:51	10/09/25 07:30	1
PCB-1254	<0.146	0.146	n	mg/Kg	☼	10/04/25 08:51	10/09/25 07:30	1
PCB-1260	<0.146	0.146	n	mg/Kg	₩	10/04/25 08:51	10/09/25 07:30	1
PCB-1268	<0.146	0.146	n	mg/Kg	₩	10/04/25 08:51	10/09/25 07:30	1

Lab Sample ID: 310-316497-1

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**Eurofins Cedar Falls** 

10/13/2025

#### **Client Sample Results**

Client: Clayton County Recycling Job ID: 310-316497-1

Project/Site: CCR 091625

Client Sample ID: CCR 091625 Lab Sample ID: 310-316497-1

Date Collected: 09/16/25 00:00 Matrix: Solid

Date Received: 09/25/25 08:45 Percent Solids: 97.7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Polychlorinated biphenyls, Total	<0.146		0.146		mg/Kg	☼	10/04/25 08:51	10/09/25 07:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	881	p S1+	15 - 150				10/04/25 08:51	10/09/25 07:30	1
Tetrachloro-m-xylene	65	p	24 - 150				10/04/25 08:51	10/09/25 07:30	1

General Chemistry Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Halogens, Extractable Organic (SW846 9023)	520		512		mg/Kg	— <u></u>	10/01/25 12:44	10/02/25 15:01	1

#### Lab Chronicle

Client: Clayton County Recycling Job ID: 310-316497-1

Project/Site: CCR 091625

Client Sample ID: CCR 091625

Date Received: 09/25/25 08:45

Date Collected: 09/16/25 00:00

Lab Sample ID: 310-316497-1

Lab Sample ID: 310-316497-1

**Matrix: Solid** 

Dilution Batch Batch Batch **Prepared** Method Number Analyst or Analyzed **Prep Type** Type Run **Factor** Lab TCLP 1311 468431 U8FK 09/30/25 15:00 - 10/01/25 07:00 1 Leach EET CF **TCLP** 3511 468711 BW2O 10/02/25 15:20 Prep EET CF **TCLP** Analysis 8082A 1 469382 BW2O EET CF 10/09/25 03:19 **TCLP** 09/30/25 15:00 - 10/01/25 07:00 1 Leach 1311 468431 U8FK EET CF **TCLP** Prep 3010A 468557 QTZ5 EET CF 10/02/25 09:30 **TCLP** Analysis 6010D 3 469360 ZRI4 10/08/25 10:44 **EET CF TCLP** Leach 1311 468431 U8FK EET CF 09/30/25 15:00 - 10/01/25 07:00 1 **TCLP** 7470A 468539 RLT9 EET CF 10/01/25 15:10 Prep **TCLP** Analysis 7470A 468697 RLT9 EET CF 10/02/25 11:20 Soluble Leach DI Leach 468146 ZJX4 EET CF 09/26/25 19:54 Soluble 9045D 468149 ZJX4 EET CF 09/27/25 00:13 Analysis 1 Total/NA Analysis D240-87 1 266996 MK **EET HOU** 10/07/25 15:31 Total/NA Analysis D92 468311 ENB7 EET CF 09/29/25 16:15 1

Client Sample ID: CCR 091625

Date Collected: 09/16/25 00:00 Date Received: 09/25/25 08:45

**Matrix: Solid Percent Solids: 97.7** 

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	3546			468922	RHL8	EET CF	10/04/25 08:51
Total/NA	Analysis	8082A		1	469386	BW2O	EET CF	10/09/25 07:30
Total/NA	Prep	9023			265731	YG	EET HOU	10/01/25 12:44
Total/NA	Analysis	9023		1	266153	YG	EET HOU	10/02/25 15:01

This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

#### **Laboratory References:**

EET CF = Eurofins Cedar Falls, 3019 Venture Way, Cedar Falls, IA 50613, TEL (319)277-2401 EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

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**Eurofins Cedar Falls** 

10/13/2025

#### **Definitions/Glossary**

Client: Clayton County Recycling Job ID: 310-316497-1

Project/Site: CCR 091625

#### **Qualifiers**

#### **GC Semi VOA**

Qualifier **Qualifier Description** 

The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

S1+ Surrogate recovery exceeds control limits, high biased.

**Metals** 

Qualifier **Qualifier Description** 

Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.

**General Chemistry** 

Qualifier **Qualifier Description** 

HF Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.

**Glossary** 

Abbreviation These commonly used abbreviations may or may not be present in this report.

ğ Listed under the "D" column to designate that the result is reported on a dry weight basis

%R Percent Recovery **CFL** Contains Free Liquid CFU Colony Forming Unit **CNF** Contains No Free Liquid

**DER** Duplicate Error Ratio (normalized absolute difference)

**Dilution Factor** Dil Fac

Detection Limit (DoD/DOE) DΙ

DL, RA, RE, IN Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample

DLC Decision Level Concentration (Radiochemistry)

**EDL** Estimated Detection Limit (Dioxin) LOD Limit of Detection (DoD/DOE) LOQ Limit of Quantitation (DoD/DOE)

MCL EPA recommended "Maximum Contaminant Level" MDA Minimum Detectable Activity (Radiochemistry) MDC Minimum Detectable Concentration (Radiochemistry)

MDL Method Detection Limit ML Minimum Level (Dioxin) MPN Most Probable Number MQL Method Quantitation Limit

NC Not Calculated

ND Not Detected at the reporting limit (or MDL or EDL if shown)

NEG Negative / Absent POS Positive / Present

PQL **Practical Quantitation Limit** 

**PRES** Presumptive QC **Quality Control** 

Relative Error Ratio (Radiochemistry) RER

RL Reporting Limit or Requested Limit (Radiochemistry)

**RPD** Relative Percent Difference, a measure of the relative difference between two points

Toxicity Equivalent Factor (Dioxin) TEF TEQ Toxicity Equivalent Quotient (Dioxin)

**TNTC** Too Numerous To Count

**Eurofins Cedar Falls** 

#### **Accreditation/Certification Summary**

Client: Clayton County Recycling Project/Site: CCR 091625

Job ID: 310-316497-1

#### **Laboratory: Eurofins Cedar Falls**

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	<b>Expiration Date</b>
Colorado	Petroleum Storage Tank Program	IA100001 (OR)	09-29-26
Georgia	State	IA100001 (OR)	09-29-26
Illinois	NELAP	200024	11-30-26
Iowa	State	007	12-01-25
Kansas	NELAP	E-10341	01-31-26
Minnesota	NELAP	019-999-319	12-31-25
Minnesota (Petrofund)	State	3349	01-18-26
North Dakota	State	R-186	09-29-24 *
Oregon	NELAP	IA100001	09-29-26

#### **Laboratory: Eurofins Houston**

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	<b>Expiration Date</b>
Arkansas DEQ	State	88-00759	08-05-26
Florida	NELAP	E871002	06-30-26
Louisiana (All)	NELAP	03054	06-30-26
New Mexico	State	TX00122	06-30-26
Oklahoma	NELAP	1306	12-31-25
Texas	NELAP	T104704215	06-30-26
Texas	TCEQ Water Supply	T104704215	12-30-25
USDA	US Federal Programs	525-23-79-79507	03-20-26

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<sup>\*</sup> Accreditation/Certification renewal pending - accreditation/certification considered valid.

#### **Method Summary**

Client: Clayton County Recycling Project/Site: CCR 091625

Job ID: 310-316497-1

Method	Method Description	Protocol	Laboratory
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET CF
6010D	Metals (ICP)	SW846	EET CF
7470A	Mercury (CVAA)	SW846	EET CF
9023	Organic Halides, Extractable (EOX)	SW846	EET HOU
9045D	pH	SW846	EET CF
D240-87	Heat of Combustion	ASTM	EET HOU
D92	Flashpoint	ASTM	EET CF
1311	TCLP Extraction	SW846	EET CF
3010A	Preparation, Total Metals	SW846	EET CF
3511	Microextraction of Organic Compounds	SW846	EET CF
3546	Microwave Extraction	SW846	EET CF
7470A	Preparation, Mercury	SW846	EET CF
9023	Preparation, EOX	SW846	EET HOU
DI Leach	Deionized Water Leaching Procedure	ASTM	EET CF

#### **Protocol References:**

ASTM = ASTM International

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

#### **Laboratory References:**

EET CF = Eurofins Cedar Falls, 3019 Venture Way, Cedar Falls, IA 50613, TEL (319)277-2401 EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

**Eurofins Cedar Falls** 

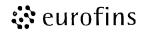
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## Environment Testing America



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#### Cooler/Sample Receipt and Temperature Log Form

Client Information	~ <del>-</del>					
Clien (auton (	phina	LOTATE	1			
City/State ditY	, 	STATE	Project:			
Receipt Information	Tr	1 week to				
Date/Time & & & & & & & & & & & & & & & & & & &	125725	1084S	Received By			
Delivery Type Delivery Type	☐ FedE	x	☐ FedEx Gro		☐ US Mail	☐ Spee-Dee
	Courier 🗌 Lab F	reld Services	Client Drop	o-off [	Other	
Condition of Cooler/Conta	ilners					
Sample(s) received in Co	ooler? Yes		If yes. Cool			
Multiple Coolers?	Yes		If yes. Cool			<b>—</b>
Cooler Custody Seals Pr No					seals intact?	
Sample Custody Seals P No	resent?	s No	<i>If yes</i> Sam	ple custody	y seals intact?	Yes
Trıp Blank Present?	☐ Yes	s No	If yes: Which	ch VOA sar	mples are in co	oler? ↓
		······································			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Temperature Record						
Coolant:	☐ Blue ice	☐ Dry ice	e		X	NONE
Thermometer ID:			Correction F	actor (°C):		
Thermometer ID:  • Temp Blank Temperature	e – If no temp blank	, or temp blank to				ntainer Temperature
• Temp Blank Temperatur Uncorrected Temp (°C):		, or temp blank to		criteria, proce		ntainer Temperature
Temp Blank Temperatur	erature	, or temp blank to	emperature above	criteria, proce emp (°C)	eed to Sample Cor	ntainer Temperature
• Temp Blank Temperatur Uncorrected Temp (°C):		, or temp blank to	emperature above	criteria, proce	eed to Sample Cor	ntainer Temperature
Temp Blank Temperature Uncorrected Temp (°C):     Sample Container Temperature Container(s) used: Uncorrected Temperature	erature	, or temp blank to	emperature above	criteria, proce emp (°C)	eed to Sample Cor	ıtainer Temperature
Temp Blank Temperature Uncorrected Temp (°C):     Sample Container Temp Container(s) used:	erature	, or temp blank to	emperature above	criteria, proce emp (°C)	eed to Sample Cor	itainer Temperature
Temp Blank Temperature Uncorrected Temp (°C):     Sample Container Temp Container(s) used: Uncorrected Temp (°C):	erature	, or temp blank to	emperature above	criteria, proce emp (°C)	eed to Sample Cor	itainer Temperature
• Temp Blank Temperature Uncorrected Temp (°C): • Sample Container Temp Container(s) used: Uncorrected Temp (°C): Corrected Temp (°C):	erature CONTAINER 1 ds criteria, was s	sample(s) rece	Corrected To	criteria, proce emp (°C) CONTAINER	eed to Sample Cor	ntainer Temperature
Temp Blank Temperature Uncorrected Temp (°C): Sample Container Temp Container(s) used: Uncorrected Temp (°C): Corrected Temp (°C): Exceptions Noted  1) If temperature exceed a) If yes. Is there exceed (e.g., bulging septa,	ds criteria, was solvidence that the C, are there obveroken/cracked	sample(s) rece chilling proce ious signs tha bottles, frozer	eived same dages began?  at the integrity on solid?)	criteria, proceemp (°C)  CONTAINER  y of samplii	ng? Yes	□ No
Temp Blank Temperature Uncorrected Temp (°C): Sample Container Temp Container(s) used: Uncorrected Temp (°C): Corrected Temp (°C): Exceptions Noted  1) If temperature exceed a) If yes. Is there exceed (e.g., bulging septa,	ds criteria, was solvidence that the C, are there obveroken/cracked	sample(s) rece chilling proce ious signs tha bottles, frozer	eived same dages began?  at the integrity on solid?)	criteria, proceemp (°C)  CONTAINER  y of samplii	ng? Yes	☐ No ☐ No ☐ No ompromised?
Temp Blank Temperature Uncorrected Temp (°C): Sample Container Temp Container(s) used: Uncorrected Temp (°C): Corrected Temp (°C): Exceptions Noted  1) If temperature exceed a) If yes. Is there exceed (e.g., bulging septa,	ds criteria, was solvidence that the C, are there obveroken/cracked	sample(s) rece chilling proce ious signs tha bottles, frozer	eived same dages began?  at the integrity on solid?)	criteria, proceemp (°C)  CONTAINER  y of samplii	ng? Yes	☐ No ☐ No ☐ No ompromised?
Temp Blank Temperature Uncorrected Temp (°C): Sample Container Temp Container(s) used: Uncorrected Temp (°C): Corrected Temp (°C): Exceptions Noted  1) If temperature exceed a) If yes. Is there exceed (e.g., bulging septa,	ds criteria, was solvidence that the C, are there obveroken/cracked	sample(s) rece chilling proce ious signs tha bottles, frozer	eived same dages began?  at the integrity on solid?)	criteria, proceemp (°C)  CONTAINER  y of samplii	ng? Yes	☐ No ☐ No ☐ No ompromised?
Temp Blank Temperature Uncorrected Temp (°C): Sample Container Temp Container(s) used: Uncorrected Temp (°C): Corrected Temp (°C): Exceptions Noted  1) If temperature exceed a) If yes. Is there exceed (e.g., bulging septa,	ds criteria, was solvidence that the C, are there obveroken/cracked	sample(s) rece chilling proce ious signs tha bottles, frozer	eived same dages began?  at the integrity on solid?)	criteria, proceemp (°C)  CONTAINER  y of samplii	ng? Yes	☐ No ☐ No ☐ No ompromised?

Document CED-P-SAM-FRM45521 Revision 26 Date: 27 Jan 2022

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General temperature criteria is 0 to 6°C Bacteria temperature criteria is 0 to 10°C

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10/13/2025

# Chain of Custody Record

C.T.CTIP?

Com (Na)    Cod No.     Cod No	A Yes A No	ole later. Ottestals pool No	Reinquished by:  Date: Time:	The state of the s	[Date/Time:	Empty Kit Relinquished by:	Deliverable Requested: [ ][ ][ [V Other (specify) Primary Deliverable Rank: 1	Possible Hazard Identification Unconfirmed	occeditation status should be brought to Eurofins Environment Testing North Central, LLC attention imm	Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins for a particular to the control of the c							CCT 091625 (310-316497-1) 9/16/25		Sample Identification_Client ID (Lab ID) Sample Date	Ste: SSOW#: N/A N/A	et Name: < 091625	N/A N/A N/A	40-4200(Tel)	7477	City: TAT Requested (days): Stafford	Advess: Due Date Requested: 10/8/2025	any. fins Environment Testing South Centr	Chen Contact: Shipping/Receiving N/A	Client Information (Sub Contract Lab) Sambler NI/A	
Lab PM:    Cambridge Color   Color   Color   Color				14		ate:	ie Rank: 1		ediately If all requ	LLC places the ovatrix being analyze							Central	<del>  \</del>											A COLUMN TO THE PARTY OF THE PA	nain or
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#### **Login Sample Receipt Checklist**

Client: Clayton County Recycling

Job Number: 310-316497-1

SDG Number:

Login Number: 316497 List Source: Eurofins Cedar Falls

List Number: 1

Creator: Homolar, Dana J

Creator. Homolar, Dana 3		
Question	Answer	Comment
Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>N/A</td> <td></td>	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	In a box
Cooler Temperature is acceptable.	False	Cooler temperature outside required temperature criteria.
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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#### **Login Sample Receipt Checklist**

Client: Clayton County Recycling

Job Number: 310-316497-1

SDG Number:

Login Number: 316497
List Source: Eurofins Houston
List Number: 2
List Creation: 09/26/25 10:55 AM

Creator: Torrez, Lisandra

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

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6

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4.6

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## **ANALYTICAL REPORT**

#### PREPARED FOR

Attn: Gina Roys Clayton County Recycling 11645 Echo Avenue PO BOX 861 Monona, Iowa 52159

Generated 10/13/2025 9:06:50 AM

#### **JOB DESCRIPTION**

CCR 091825

#### **JOB NUMBER**

310-316500-1

Eurofins Cedar Falls 3019 Venture Way Cedar Falls IA 50613



#### **Eurofins Cedar Falls**

#### **Job Notes**

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

#### **Authorization**

Generated 10/13/2025 9:06:50 AM

Authorized for release by Brian Graettinger, Business Unit Manager Brian.Graettinger@et.eurofinsus.com Designee for

Hannah Dietz, Project Manager I Hannah.Dietz@et.eurofinsus.com (319)277-2401 Client: Clayton County Recycling Project/Site: CCR 091825

Laboratory Job ID: 310-316500-1

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#### **Case Narrative**

Client: Clayton County Recycling

Project: CCR 091825

Job ID: 310-316500-1 Eurofins Cedar Falls

#### Job Narrative 310-316500-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established
  acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or
  otherwise explained in the case narrative.

#### Receipt

The sample was received on 9/25/2025 8:45 AM. Unless otherwise noted below, the sample arrived in good condition without ice.

#### Receipt Exceptions

The following sample was received at the laboratory outside the required temperature criteria: CCR 091825 (310-316500-1). This does not meet regulatory requirements.

#### **PCBs**

Method 8082A: Due to the matrix, the initial volume(s) used for the following sample deviated from the standard procedure: CCR 091825 (310-316500-1). The reporting limits (RLs) have been adjusted proportionately.

Method 8082A: The continuing calibration verification (CCV) associated with batch 310-469267 recovered above the upper control limit for PCB-1268. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8082A: The continuing calibration verification (CCV) associated with batch 310-469267 recovered above the upper control limit for PCB-1221 and PCB-1254. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8082A: Standard 5 of the ICAL for PCB-1248 was inadvertently omitted and standard 6 was run twice. Point 5 has been removed from the curve. Approved by supervisor.

Method 8082A: The continuing calibration verification (CCV) associated with batch 310-469386 recovered above the upper control limit for PCB-1268. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8082A: The continuing calibration verification (CCV) associated with batch 310-469386 recovered above the upper control limit for PCB-1221 and PCB-1254. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8082A - TCLP: Standard 5 of the ICAL for PCB-1248 was inadvertently omitted and standard 6 was run twice. Point 5 has been removed from the curve. Approved by supervisor.

Method 8082A - TCLP: The continuing calibration verification (CCV) associated with batch 310-469386 recovered above the upper control limit for PCB-1268. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8082A - TCLP: The continuing calibration verification (CCV) associated with batch 310-469386 recovered above the upper control limit for PCB-1221 and PCB-1254. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

#### Metals

**Eurofins Cedar Falls** 

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Job ID: 310-316500-1

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#### **Case Narrative**

Client: Clayton County Recycling Job ID: 310-316500-1

Project: CCR 091825

#### Job ID: 310-316500-1 (Continued)

#### **Eurofins Cedar Falls**

Method 6010D - TCLP: The low level continuing calibration verification (CCVL) associated with batch 310-468788 recovered above the upper control limit for Silver. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

#### **General Chemistry**

Method 9023: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 860-265731 and analytical batch 860-266153 recovered outside control limits for the following analytes. The %Rec is within acceptable limits: Halogens, Extractable Organic.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

#### **Sample Summary**

Client: Clayton County Recycling Project/Site: CCR 091825

Sample Origin Lab Sample ID Client Sample ID Matrix Collected Received 310-316500-1 CCR 091825 09/18/25 00:00 09/25/25 08:45 lowa Solid

Job ID: 310-316500-1

Job ID: 310-316500-1

Client: Clayton County Recycling Project/Site: CCR 091825

Client Sample ID: CCR 091825

Date Collected: 09/18/25 00:00

Date Received: 09/25/25 08:45

Lab Sample ID: 310-316500-1

Matrix: Solid

ſ	Method: SW846 8082A - Polye	chlorinated	Biphenyls	(PCBs) by G	Sas Chroi	natog	raphy -	TCLP
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepa

Analyte	Result (	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00183		0.00183		mg/L		10/02/25 15:20	10/09/25 06:06	1
PCB-1221	<0.00183		0.00183		mg/L		10/02/25 15:20	10/09/25 06:06	1
PCB-1232	<0.00183		0.00183		mg/L		10/02/25 15:20	10/09/25 06:06	1
PCB-1242	<0.00183		0.00183		mg/L		10/02/25 15:20	10/09/25 06:06	1
PCB-1248	<0.00183		0.00183		mg/L		10/02/25 15:20	10/09/25 06:06	1
PCB-1254	<0.00183		0.00183		mg/L		10/02/25 15:20	10/09/25 06:06	1
PCB-1260	<0.00183		0.00183		mg/L		10/02/25 15:20	10/09/25 06:06	1
PCB-1268	<0.00183		0.00183		mg/L		10/02/25 15:20	10/09/25 06:06	1
Polychlorinated biphenyls, Total	<0.00183		0.00183		mg/L		10/02/25 15:20	10/09/25 06:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	70	10 - 150	10/02/25 15:20	10/09/25 06:06	1
Tetrachloro-m-xylene (Surr)	71 p	17 - 150	10/02/25 15:20	10/09/25 06:06	1
_					

Method. 344040 00 10D	· Wetais (ICF) · ICLF						
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.100	0.100	mg/L		10/02/25 09:30	10/02/25 16:22	1
Barium	0.263	0.200	mg/L		10/02/25 09:30	10/02/25 16:22	1
Cadmium	0.0306	0.0200	mg/L		10/02/25 09:30	10/02/25 16:22	1
Chromium	0.333	0.0200	mg/L		10/02/25 09:30	10/02/25 16:22	1
Lead	0.123	0.100	mg/L		10/02/25 09:30	10/02/25 16:22	1
Selenium	<0.100	0.100	mg/L		10/02/25 09:30	10/02/25 16:22	1
Silver	<0.0500 ^3+	0.0500	mg/L		10/02/25 09:30	10/02/25 16:22	1

Method: SW846 7470A - Mercu	ıry (CVAA) - TCLP						
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00200	0.00200	mg/L		10/01/25 15:10	10/02/25 11:24	1

	<b>General Chemistry</b>									
	Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
	BTU (ASTM D240-87)	<500	· <u></u>	500		BTU/lb			10/06/25 14:32	1
L	Flashpoint (ASTM D92)	>201		65.0		Degrees F			10/01/25 17:28	1

General Chemistry - Soluble									
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.0	HF	1.0		SU			09/27/25 00:15	1

Lab Sample ID: 310-316500-1 Client Sample ID: CCR 091825 Date Collected: 09/18/25 00:00 **Matrix: Solid** Date Received: 09/25/25 08:45 Percent Solids: 95.4

Method: SW846 8082A - Po	olychlorinated Biphenyl	s (PCBs) by Gas	Chromatography

mothod: Offoro Cool	i i oijoinoimatoa		, cas em e	matogra	P <b>J</b>			
Analyte	Result	Qualifier RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.126	0.126		mg/Kg	<u></u>	10/04/25 08:51	10/09/25 07:58	1
PCB-1221	<0.126	0.126		mg/Kg	₩	10/04/25 08:51	10/09/25 07:58	1
PCB-1232	<0.126	0.126		mg/Kg	₩	10/04/25 08:51	10/09/25 07:58	1
PCB-1242	<0.126	0.126		mg/Kg	₩	10/04/25 08:51	10/09/25 07:58	1
PCB-1248	<0.126	0.126		mg/Kg	₩	10/04/25 08:51	10/09/25 07:58	1
PCB-1254	<0.126	0.126		mg/Kg	₩	10/04/25 08:51	10/09/25 07:58	1
PCB-1260	<0.126	0.126		mg/Kg	₩	10/04/25 08:51	10/09/25 07:58	1
PCB-1268	<0.126	0.126		mg/Kg	₩	10/04/25 08:51	10/09/25 07:58	1

**Eurofins Cedar Falls** 

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10/13/2025

#### **Client Sample Results**

Client: Clayton County Recycling

Job ID: 310-316500-1

Project/Site: CCR 091825

Client Sample ID: CCR 091825 Lab Sample ID: 310-316500-1

Date Collected: 09/18/25 00:00 Matrix: Solid

Date Received: 09/25/25 08:45 Percent Solids: 95.4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Polychlorinated biphenyls, Total	<0.126		0.126		mg/Kg	<del>*</del>	10/04/25 08:51	10/09/25 07:58	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
DCB Decachlorobiphenyl (Surr)	68		15 - 150				10/04/25 08:51	10/09/25 07:58	
Tetrachloro-m-xylene	44	p	24 - 150				10/04/25 08:51	10/09/25 07:58	
General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Halogens, Extractable Organic (SW846 9023)	<524		524		mg/Kg	— <u>−</u>	10/01/25 12:44	10/02/25 14:19	•

#### Lab Chronicle

Client: Clayton County Recycling Job ID: 310-316500-1

Project/Site: CCR 091825

Client Sample ID: CCR 091825

Date Received: 09/25/25 08:45

Lab Sample ID: 310-316500-1 Date Collected: 09/18/25 00:00 **Matrix: Solid** 

Dilution Batch Batch Batch **Prepared** Method or Analyzed **Prep Type** Type Run **Factor** Number Analyst Lab TCLP 1311 468431 U8FK 09/30/25 15:00 - 10/01/25 07:00 1 Leach EET CF **TCLP** 3511 468711 BW2O 10/02/25 15:20 Prep EET CF **TCLP** Analysis 8082A 1 469386 BW2O EET CF 10/09/25 06:06 **TCLP** 09/30/25 15:00 - 10/01/25 07:00 1 Leach 1311 468431 U8FK EET CF **TCLP** Prep 3010A 468557 QTZ5 EET CF 10/02/25 09:30 **TCLP** Analysis 6010D 468788 ZRI4 10/02/25 16:22 1 **EET CF TCLP** Leach 1311 468431 U8FK EET CF 09/30/25 15:00 - 10/01/25 07:00 1 **TCLP** 7470A 468539 RLT9 EET CF 10/01/25 15:10 Prep **TCLP** Analysis 7470A 468697 RLT9 EET CF 10/02/25 11:24 Soluble Leach DI Leach 468146 ZJX4 EET CF 09/26/25 19:54 Soluble 9045D 468149 ZJX4 EET CF 09/27/25 00:15 Analysis 1 Total/NA Analysis D240-87 1 266653 MK **EET HOU** 10/06/25 14:32 Total/NA Analysis D92 468600 ENB7 EET CF 10/01/25 17:28 1

Client Sample ID: CCR 091825

Lab Sample ID: 310-316500-1 Date Collected: 09/18/25 00:00 **Matrix: Solid** Date Received: 09/25/25 08:45 Percent Solids: 95.4

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	3546			468922	RHL8	EET CF	10/04/25 08:51
Total/NA	Analysis	8082A		1	469386	BW2O	EET CF	10/09/25 07:58
Total/NA	Prep	9023			265731	YG	EET HOU	10/01/25 12:44
Total/NA	Analysis	9023		1	266153	YG	EET HOU	10/02/25 14:19

This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

#### **Laboratory References:**

EET CF = Eurofins Cedar Falls, 3019 Venture Way, Cedar Falls, IA 50613, TEL (319)277-2401 EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

10/13/2025

#### **Definitions/Glossary**

Client: Clayton County Recycling

Job ID: 310-316500-1

Project/Site: CCR 091825

**Qualifiers** 

GC Semi VOA

p The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

Metals

Qualifier Qualifier Description

^3+ Reporting Limit Check Standard is outside acceptance limits, high biased

**General Chemistry** 

Qualifier Qualifier Description

HF Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.

**Glossary** 

Abbreviation These commonly used abbreviations may or may not be present in this report.

Listed under the "D" column to designate that the result is reported on a dry weight basis

%R Percent Recovery
CFL Contains Free Liquid
CFU Colony Forming Unit
CNF Contains No Free Liquid

DER Duplicate Error Ratio (normalized absolute difference)

Dil Fac Dilution Factor

DL Detection Limit (DoD/DOE)

DL, RA, RE, IN Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample

DLC Decision Level Concentration (Radiochemistry)

EDL Estimated Detection Limit (Dioxin)

LOD Limit of Detection (DoD/DOE)

LOQ Limit of Quantitation (DoD/DOE)

MCL EPA recommended "Maximum Contaminant Level"

MDA Minimum Detectable Activity (Radiochemistry)

MDC Minimum Detectable Concentration (Radiochemistry)

MDL Method Detection Limit
ML Minimum Level (Dioxin)
MPN Most Probable Number
MQL Method Quantitation Limit

NC Not Calculated

ND Not Detected at the reporting limit (or MDL or EDL if shown)

NEG Negative / Absent
POS Positive / Present

PQL Practical Quantitation Limit

PRES Presumptive
QC Quality Control

RER Relative Error Ratio (Radiochemistry)

RL Reporting Limit or Requested Limit (Radiochemistry)

RPD Relative Percent Difference, a measure of the relative difference between two points

TEF Toxicity Equivalent Factor (Dioxin)
TEQ Toxicity Equivalent Quotient (Dioxin)

TNTC Too Numerous To Count

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#### **Accreditation/Certification Summary**

Client: Clayton County Recycling
Project/Site: CCR 091825

**Laboratory: Eurofins Cedar Falls** 

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	<b>Identification Number</b>	<b>Expiration Date</b>
Colorado	Petroleum Storage Tank Program	IA100001 (OR)	09-29-26
Georgia	State	IA100001 (OR)	09-29-26
Illinois	NELAP	200024	11-30-26
Iowa	State	007	12-01-25
Kansas	NELAP	E-10341	01-31-26
Minnesota	NELAP	019-999-319	12-31-25
Minnesota (Petrofund)	State	3349	01-18-26
North Dakota	State	R-186	09-29-24 *
Oregon	NELAP	IA100001	09-29-26

#### **Laboratory: Eurofins Houston**

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	<b>Expiration Date</b>	
Arkansas DEQ	State	88-00759	08-05-26	
Florida	NELAP	E871002	06-30-26	
Louisiana (All)	NELAP	03054	06-30-26	
New Mexico	State	TX00122	06-30-26	
Oklahoma	NELAP	1306	10-06-25	
Texas	NELAP	T104704215	06-30-26	
Texas	TCEQ Water Supply	T104704215	12-30-25	
USDA	US Federal Programs	525-23-79-79507	03-20-26	

Job ID: 310-316500-1

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**Eurofins Cedar Falls** 

<sup>\*</sup> Accreditation/Certification renewal pending - accreditation/certification considered valid.

on/Certification renewal pending - accreditation/certification considered valid.

#### **Method Summary**

Client: Clayton County Recycling Project/Site: CCR 091825

Job ID: 310-316500-1

Method	Method Description	Protocol	Laboratory
3082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET CF
6010D	Metals (ICP)	SW846	EET CF
7470A	Mercury (CVAA)	SW846	EET CF
023	Organic Halides, Extractable (EOX)	SW846	EET HOU
045D	pH	SW846	EET CF
240-87	Heat of Combustion	ASTM	EET HOU
92	Flashpoint	ASTM	EET CF
311	TCLP Extraction	SW846	EET CF
010A	Preparation, Total Metals	SW846	EET CF
511	Microextraction of Organic Compounds	SW846	EET CF
546	Microwave Extraction	SW846	EET CF
470A	Preparation, Mercury	SW846	EET CF
023	Preparation, EOX	SW846	EET HOU
I Leach	Deionized Water Leaching Procedure	ASTM	EET CF

#### **Protocol References:**

ASTM = ASTM International

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

#### **Laboratory References:**

EET CF = Eurofins Cedar Falls, 3019 Venture Way, Cedar Falls, IA 50613, TEL (319)277-2401 EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

**Eurofins Cedar Falls** 

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#### **Environment Testing** America



#### Cooler/Sample Receipt and Temperature Log Form

	Z-Y					
Clien (auton (	phylo	MANAGE STATE			W	
City/State.		STATE	Project			
Receipt Information		T() (F				
Date/Time Received.	125725	084S	Received By	<i>r</i>		
Delivery Type· 🏳 UPS	☐ FedEx	:	☐ FedEx Gro	ound	US Mail	☐ Spee-Dee
	Courier 🗌 Lab Fı	eld Services	Client Drop	p-off	Other:	
Condition of Cooler/Conta	niners					
Sample(s) received in Co			If yes. Coo	ler ID		
Multiple Coolers?	Yes		If yes. Coo			<b>7.</b> , — —
Cooler Custody Seals Pro			-		/ seals intact? [	Yes
Sample Custody Seals P No	resent?	☑ No	<i>If yes</i> Sam	nple custoc	ly seals ıntact?[	☐ Yes ☐
Trıp Blank Present?	☐ Yes	☑ No	If yes Whi	ch VOA sa	ımples are ın co	oler? ↓
						Number 1
Temperature Record						
Coolant	☐ Blue ice	☐ Dry ice	e 🔲. Other.	•	Хи	ONE
Thermometer ID.			Correction F	<u> </u>	·	
Temp Blank Temperature	e – If no temp blank,	or temp blank te	mperature above	criteria, proc	eed to Sample Con	tainer Temperature
Uncorrected Temp (°C).			Corrected T	emp (°C).		
Sample Container Tempe	- Mah. 1 Ma					<u> </u>
				CONTAINE	D 0	
Container(s) used	CONTAINER 1			CONTAINE	R 2	
Container(s) used· Uncorrected Temp				CONTAINE	R 2	
Container(s) used				CONTAINE	R 2	
Container(s) used· Uncorrected Temp (°C):				CONTAINE	R 2	
Container(s) used· Uncorrected Temp (°C): Corrected Temp (°C):	CONTAINER 1					□ No
Container(s) used:  Uncorrected Temp (°C):  Corrected Temp (°C):  Exceptions Noted  1) If temperature exceed a) If yes: Is there exceed (e.g., bulging septa, in the september of the september o	ds criteria, was savidence that the co	chilling proces ous signs that pottles, frozen	t the integrity of solid?)	y of sampli	ing? ☐ Yes ☐ Yes	□ No
Container(s) used:  Uncorrected Temp (°C):  Corrected Temp (°C):  Exceptions Noted  1) If temperature exceed a) If yes: Is there exceed the second of the se	ds criteria, was savidence that the co	chilling proces ous signs that pottles, frozen	t the integrity of solid?)	y of sampli	ing? ☐ Yes ☐ Yes contain <u>er</u> s is co	☐ No mpromised?
Container(s) used:  Uncorrected Temp (°C):  Corrected Temp (°C):  Exceptions Noted  1) If temperature exceed a) If yes: Is there exceed (e.g., bulging septa, In Note If yes, contact P	ds criteria, was savidence that the co	chilling proces ous signs that pottles, frozen	t the integrity of solid?)	y of sampli	ing? ☐ Yes ☐ Yes contain <u>er</u> s is co	☐ No mpromised?
Container(s) used:  Uncorrected Temp (°C):  Corrected Temp (°C):  Exceptions Noted  1) If temperature exceed a) If yes: Is there exceed (e.g., bulging septa, In Note If yes, contact P	ds criteria, was savidence that the co	chilling proces ous signs that pottles, frozen	t the integrity of solid?)	y of sampli	ing? ☐ Yes ☐ Yes contain <u>er</u> s is co	☐ No mpromised?
Container(s) used:  Uncorrected Temp (°C):  Corrected Temp (°C):  Exceptions Noted  1) If temperature exceed a) If yes: Is there exceed (e.g., bulging septa, In Note If yes, contact P	ds criteria, was savidence that the co	chilling proces ous signs that pottles, frozen	t the integrity of solid?)	y of sampli	ing? ☐ Yes ☐ Yes contain <u>er</u> s is co	☐ No mpromised?

Document CED-P-SAM-FRM45521 Revision 26 Date 27 Jan 2022

General temperature criteria is 0 to 6°C Bacteria temperature criteria is 0 to 10°C

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10/13/2025

Project Name: CCR 091825

Project #: 31001320 SSOW#:

N/A

CCR 091825 (310-316500-1)

Sample Identification Client ID (Lab ID)

Sample Date

Sample

(C=comp, Sample Type

D240\_87\_NP

Matrix

Field Flitered Sample (Yes or No)

Perform MS/MSD (Yes or No) 9023/9023\_PrepEOX

Total Number of containers

G=grab) BT=Tissue, AsAir

Preservation Code:

9/25/25

Central

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Solid

× × Stafford State, Zip: TX, 77477

Company:
Eurofins Environment Testing South Centr

4145 Greenbriar Dr

Shipping/Receiving

Client Information (Sub Contract Lab)

Sampler N/A Phone: N/A

E-Mail:
Hannah. Dietz@et eurofinsus.com
Accreditations Required (See note).

N/A State of Origin: Iowa

Page: Page 1 of 1 COC No: 310-87226,1

Preservation Codes: 310-316500-1

N/A

Analysis Requested

Cedar Falls, IA 50613 Phone: 319-277-2401 Fax: 319-277-2425

Phone: 281-240-4200(Tel)

Z 0 2 8 N/A #

TAT Requested (days): Due Date Requested: 10/8/2025

N.

**Eurofins Cedar Falls** 

3019 Venture Way

# Chain of Custody Record

Lab PM: Dietz, Hannah E 0

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central. LLC laboratory or other instructions will be provided. Any changes accreditation status should be brought to Eurofins Environment Testing North Central, LLC.	Aronment Testing North Central, LLC places the owne listed above for analysis/tests/matrix being analyzed, forth Central LLC attention immediately. If all reques	ership of method, analyte the samples must be shi ted accreditations are cu	& accreditation compliance upon opped back to the Eurofins Environate to date, return the signed Cha	ur subcontract laboratories. ment Testing North Central, i in of Custody attesting to sai	Joon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the nvironment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to de Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.	hain-of-custody If the ovided. Any changes to ng North Central, LLC.
Possible Hazard Identification			Sample Disposal ( A fee	may be assessed if sa	fee may be assessed if samples are retained longer than 1 month)	month)
Unconfirmed			Return To Client	Disposal By Lab	ab Archive For	Months
Deliverable Requested: ( ii (II IV Other (specify)	Primary Deliverable Rank: 1		Special instructions/QC Requirements:	equirements:		, and it is
Empty Kit Relinquished by:	Date:	7	ime:	Method of Shipmen	Shipment.	
Relinquished by	92525 1440	Company	Received by:		Devinence	Company
Reinquished by:	Date/Time:	Company	Received by:	5	DATE 2 6 7075	Сотрапу
Reinquished by	Date/Time:	Company	Received by		Date Cime. ACOO	Company
Custody Seals Intact: Custody Seal No  △ Yes △ No			Cooler Temperature(s) °C ar	°C and Other Remark\$C	Ç	

0/10/2024

Special Instructions/Note:

#### **Login Sample Receipt Checklist**

Client: Clayton County Recycling

Job Number: 310-316500-1

SDG Number:

Login Number: 316500 List Source: Eurofins Cedar Falls

List Number: 1

Creator: Homolar, Dana J

oreator. Homolar, Dana 3		
Question	Answer	Comment
Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>N/A</td> <td></td>	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	In a box
Cooler Temperature is acceptable.	False	Cooler temperature outside required temperature criteria.
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

#### **Login Sample Receipt Checklist**

Client: Clayton County Recycling

Job Number: 310-316500-1

SDG Number:

Login Number: 316500 List Source: Eurofins Houston
List Number: 2 List Creation: 09/26/25 10:55 AM

Creator: Torrez, Lisandra

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

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## **ANALYTICAL REPORT**

#### PREPARED FOR

Attn: Gina Roys Clayton County Recycling 11645 Echo Avenue PO BOX 861 Monona, Iowa 52159

Generated 10/13/2025 9:14:27 AM

#### **JOB DESCRIPTION**

CCR 091925

#### **JOB NUMBER**

310-316501-1

Eurofins Cedar Falls 3019 Venture Way Cedar Falls IA 50613



#### **Eurofins Cedar Falls**

#### **Job Notes**

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

#### **Authorization**

Generated 10/13/2025 9:14:27 AM

Authorized for release by Brian Graettinger, Business Unit Manager Brian.Graettinger@et.eurofinsus.com Designee for

Hannah Dietz, Project Manager I Hannah.Dietz@et.eurofinsus.com (319)277-2401 Client: Clayton County Recycling Project/Site: CCR 091925

Laboratory Job ID: 310-316501-1

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# **Case Narrative**

Client: Clayton County Recycling

Project: CCR 091925

Job ID: 310-316501-1 Eurofins Cedar Falls

# Job Narrative 310-316501-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established
  acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or
  otherwise explained in the case narrative.

#### Receipt

The sample was received on 9/25/2025 8:45 AM. Unless otherwise noted below, the sample arrived in good condition without ice.

#### Receipt Exceptions

The following sample was received at the laboratory outside the required temperature criteria: CCR 091925 (310-316501-1). This does not meet regulatory requirements.

#### **PCBs**

Method 8082A: Due to the matrix, the initial volume(s) used for the following sample deviated from the standard procedure: CCR 091925 (310-316501-1). The reporting limits (RLs) have been adjusted proportionately.

Method 8082A: The continuing calibration verification (CCV) associated with batch 310-469267 recovered above the upper control limit for PCB-1268. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8082A: The continuing calibration verification (CCV) associated with batch 310-469267 recovered above the upper control limit for PCB-1221 and PCB-1254. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8082A: Standard 5 of the ICAL for PCB-1248 was inadvertently omitted and standard 6 was run twice. Point 5 has been removed from the curve. Approved by supervisor.

Method 8082A: The continuing calibration verification (CCV) associated with batch 310-469386 recovered above the upper control limit for PCB-1268. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8082A: The continuing calibration verification (CCV) associated with batch 310-469386 recovered above the upper control limit for PCB-1221 and PCB-1254. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8082A - TCLP: Standard 5 of the ICAL for PCB-1248 was inadvertently omitted and standard 6 was run twice. Point 5 has been removed from the curve. Approved by supervisor.

Method 8082A - TCLP: The continuing calibration verification (CCV) associated with batch 310-469449 recovered above the upper control limit for PCB-1268. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8082A - TCLP: The continuing calibration verification (CCV) associated with batch 310-469449 recovered above the upper control limit for PCB-1254. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

**Eurofins Cedar Falls** 

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Job ID: 310-316501-1

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# **Case Narrative**

Client: Clayton County Recycling

Project: CCR 091925

# Job ID: 310-316501-1 (Continued)

# **Eurofins Cedar Falls**

Job ID: 310-316501-1

Method 6010D - TCLP: The continuing calibration verification (CCV) associated with batch 310-469360 recovered above the upper control limit for Silver. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 6010D - TCLP: The following sample(s) was diluted due to the presence of an interferent. CCR 091925 (310-316501-1). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

#### **General Chemistry**

Method 9023: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 860-265731 and analytical batch 860-266153 recovered outside control limits for the following analytes. The %Rec is within acceptable limits: Halogens, Extractable Organic.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

# **Sample Summary**

Client: Clayton County Recycling

Project/Site: CCR 091925

 Lab Sample ID
 Client Sample ID
 Matrix
 Collected
 Received
 Sample Origin

 310-316501-1
 CCR 091925
 Solid
 09/19/25 00:00
 09/25/25 08:45
 lowa

Job ID: 310-316501-1

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Job ID: 310-316501-1

Dil Esc

Dil Fac

Analyzod

Analyzed

09/27/25 00:25

Percent Solids: 95.0

Client: Clayton County Recycling Project/Site: CCR 091925

Analyto

Analyte

pH (SW846 9045D)

Date Received: 09/25/25 08:45

\_\_\_\_\_\_

Client Sample ID: CCR 091925

Date Collected: 09/19/25 00:00 Date Received: 09/25/25 08:45 Lab Sample ID: 310-316501-1

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00192		0.00192		mg/L		10/02/25 15:20	10/09/25 15:29	1
PCB-1221	<0.00192		0.00192		mg/L		10/02/25 15:20	10/09/25 15:29	1
PCB-1232	<0.00192		0.00192		mg/L		10/02/25 15:20	10/09/25 15:29	1
PCB-1242	<0.00192		0.00192		mg/L		10/02/25 15:20	10/09/25 15:29	1
PCB-1248	<0.00192		0.00192		mg/L		10/02/25 15:20	10/09/25 15:29	1
PCB-1254	<0.00192		0.00192		mg/L		10/02/25 15:20	10/09/25 15:29	1
PCB-1260	<0.00192		0.00192		mg/L		10/02/25 15:20	10/09/25 15:29	1
PCB-1268	<0.00192		0.00192		mg/L		10/02/25 15:20	10/09/25 15:29	1
Polychlorinated biphenyls, Total	<0.00192		0.00192		mg/L		10/02/25 15:20	10/09/25 15:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	66		10 - 150				10/02/25 15:20	10/09/25 15:29	1
Tetrachloro-m-xylene (Surr)	93		17 - 150				10/02/25 15:20	10/09/25 15:29	1

Popult Qualifier

Result Qualifier

6.8 HF

-	rtoouit	Qualifier	KL	MDL	Unit	ט	Prepared	Anaiyzed	DII Fac
Arsenic	<0.200		0.200		mg/L		10/02/25 09:30	10/08/25 10:47	2
Barium	<0.400		0.400		mg/L		10/02/25 09:30	10/08/25 10:47	2
Cadmium	<0.0400		0.0400		mg/L		10/02/25 09:30	10/08/25 10:47	2
Chromium	0.581		0.0400		mg/L		10/02/25 09:30	10/08/25 10:47	2
Lead	<0.200		0.200		mg/L		10/02/25 09:30	10/08/25 10:47	2
Selenium	<0.200		0.200		mg/L		10/02/25 09:30	10/08/25 10:47	2
					mg/L		10/02/25 09:30	10/08/25 10:47	2
Silver Method: SW846 7470A - Mel	• • •	•	0.100		Ū				
•			0.100		mg/L		10/02/20 03:30		_
Method: SW846 7470A - Mei Analyte	rcury (CVAA) - TCLI Result		RL	MDL	Unit	_ <u>D</u>	Prepared	Analyzed	Dil Fac
: Method: SW846 7470A - Mei	rcury (CVAA) - TCLI	•		MDL	Ū	_ <u>D</u>			
Method: SW846 7470A - Mei Analyte	rcury (CVAA) - TCLI Result	•	RL	MDL	Unit	<u>D</u>	Prepared	Analyzed	
Method: SW846 7470A - Mer Analyte Mercury	rcury (CVAA) - TCLI Result <0.00200	•	RL		Unit	_ <u>D</u>	Prepared	Analyzed	
Method: SW846 7470A - Mer Analyte Mercury General Chemistry	rcury (CVAA) - TCLI Result <0.00200	Qualifier	RL		Unit mg/L		Prepared 10/01/25 15:10	Analyzed 10/02/25 11:27	Dil Fac

Client Sample ID: CCR 091925

Date Collected: 09/19/25 00:00

Lab Sample ID: 310-316501-1

Matrix: Solid

RL

1.0

RL Unit

SU

D

Prepared

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0966		0.0966		mg/Kg	<del></del>	10/04/25 08:51	10/09/25 08:12	1
PCB-1221	<0.0966		0.0966		mg/Kg	₩	10/04/25 08:51	10/09/25 08:12	1
PCB-1232	<0.0966		0.0966		mg/Kg	₽	10/04/25 08:51	10/09/25 08:12	1
PCB-1242	<0.0966		0.0966		mg/Kg	.⇔	10/04/25 08:51	10/09/25 08:12	1
PCB-1248	<0.0966		0.0966		mg/Kg	₽	10/04/25 08:51	10/09/25 08:12	1
PCB-1254	<0.0966		0.0966		mg/Kg	₩	10/04/25 08:51	10/09/25 08:12	1
PCB-1260	<0.0966		0.0966		mg/Kg	₩	10/04/25 08:51	10/09/25 08:12	1
PCB-1268	<0.0966		0.0966		mg/Kg	₽	10/04/25 08:51	10/09/25 08:12	1

**Eurofins Cedar Falls** 

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# **Client Sample Results**

Client: Clayton County Recycling

Job ID: 310-316501-1

Project/Site: CCR 091925

Client Sample ID: CCR 091925

Date Collected: 09/19/25 00:00

Date Received: 09/25/25 08:45

Lab Sample ID: 310-316501-1

Matrix: Solid

Percent Solids: 95.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Polychlorinated biphenyls, Total	<0.0966		0.0966		mg/Kg	<del>*</del>	10/04/25 08:51	10/09/25 08:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	119		15 - 150				10/04/25 08:51	10/09/25 08:12	1
Tetrachloro-m-xylene	73		24 - 150				10/04/25 08:51	10/09/25 08:12	1

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Halogens, Extractable Organic	<487		487		mg/Kg	<del>-</del>	10/01/25 12:44	10/02/25 14:40	1
(S)N846 0023)									

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# **Lab Chronicle**

Client: Clayton County Recycling

Job ID: 310-316501-1

Project/Site: CCR 091925

Client Sample ID: CCR 091925

Date Collected: 09/19/25 00:00 Date Received: 09/25/25 08:45 Lab Sample ID: 310-316501-1

Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
TCLP	Leach	1311			468431	U8FK	EET CF	09/30/25 15:00 - 10/01/25 07:00 <sup>1</sup>
TCLP	Prep	3511			468711	BW2O	EET CF	10/02/25 15:20
TCLP	Analysis	8082A		1	469449	BW2O	EET CF	10/09/25 15:29
TCLP	Leach	1311			468431	U8FK	EET CF	09/30/25 15:00 - 10/01/25 07:00 <sup>1</sup>
TCLP	Prep	3010A			468557	QTZ5	EET CF	10/02/25 09:30
TCLP	Analysis	6010D		2	469360	ZRI4	EET CF	10/08/25 10:47
TCLP	Leach	1311			468431	U8FK	EET CF	09/30/25 15:00 - 10/01/25 07:00 <sup>1</sup>
TCLP	Prep	7470A			468539	RLT9	EET CF	10/01/25 15:10
TCLP	Analysis	7470A		1	468697	RLT9	EET CF	10/02/25 11:27
Soluble	Leach	DI Leach			468146	ZJX4	EET CF	09/26/25 19:54
Soluble	Analysis	9045D		1	468149	ZJX4	EET CF	09/27/25 00:25
Total/NA	Analysis	D240-87		1	266653	MK	EET HOU	10/06/25 14:32
Total/NA	Analysis	D92		1	468600	ENB7	EET CF	10/01/25 17:28

Client Sample ID: CCR 091925

Date Collected: 09/19/25 00:00 Date Received: 09/25/25 08:45 Lab Sample ID: 310-316501-1

Matrix: Solid Percent Solids: 95.0

_	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	3546			468922	RHL8	EET CF	10/04/25 08:51
Total/NA	Analysis	8082A		1	469386	BW2O	EET CF	10/09/25 08:12
Total/NA	Prep	9023			265731	YG	EET HOU	10/01/25 12:44
Total/NA	Analysis	9023		1	266153	YG	EET HOU	10/02/25 14:40

<sup>&</sup>lt;sup>1</sup> This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

#### Laboratory References:

EET CF = Eurofins Cedar Falls, 3019 Venture Way, Cedar Falls, IA 50613, TEL (319)277-2401 EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

**Eurofins Cedar Falls** 

# **Definitions/Glossary**

Client: Clayton County Recycling Job ID: 310-316501-1

Project/Site: CCR 091925

#### **Qualifiers**

#### **Metals**

Qualifier **Qualifier Description** 

Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.

#### **General Chemistry**

Qualifier **Qualifier Description** 

Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.

## **Glossary**

Abbreviation	These commonly used abbreviations may or may not be present in this report.
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₩ Listed under the "D" column to designate that the result is reported on a dry weight basis

%R Percent Recovery CFL Contains Free Liquid CFU Colony Forming Unit Contains No Free Liquid CNF

DER Duplicate Error Ratio (normalized absolute difference)

Dil Fac **Dilution Factor** 

DL Detection Limit (DoD/DOE)

DL, RA, RE, IN Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample

DLC Decision Level Concentration (Radiochemistry)

Estimated Detection Limit (Dioxin) EDL LOD Limit of Detection (DoD/DOE) LOQ Limit of Quantitation (DoD/DOE)

EPA recommended "Maximum Contaminant Level" MCL MDA Minimum Detectable Activity (Radiochemistry) Minimum Detectable Concentration (Radiochemistry) MDC

MDL Method Detection Limit MLMinimum Level (Dioxin) MPN Most Probable Number MQL Method Quantitation Limit

NC Not Calculated

Not Detected at the reporting limit (or MDL or EDL if shown) ND

NEG Negative / Absent POS Positive / Present POI

Practical Quantitation Limit

**PRES** Presumptive **Quality Control** QC

RER Relative Error Ratio (Radiochemistry)

RL Reporting Limit or Requested Limit (Radiochemistry)

RPD Relative Percent Difference, a measure of the relative difference between two points

TEF Toxicity Equivalent Factor (Dioxin) **TEQ** Toxicity Equivalent Quotient (Dioxin)

**TNTC** Too Numerous To Count

# **Accreditation/Certification Summary**

Client: Clayton County Recycling Job ID: 310-316501-1 Project/Site: CCR 091925

## **Laboratory: Eurofins Cedar Falls**

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	<b>Expiration Date</b>
Colorado	Petroleum Storage Tank Program	IA100001 (OR)	09-29-26
Georgia	State	IA100001 (OR)	09-29-26
Illinois	NELAP	200024	11-30-26
lowa	State	007	12-01-25
Kansas	NELAP	E-10341	01-31-26
Minnesota	NELAP	019-999-319	12-31-25
Minnesota (Petrofund)	State	3349	01-18-26
North Dakota	State	R-186	09-29-24 *
Oregon	NELAP	IA100001	09-29-26

## **Laboratory: Eurofins Houston**

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-00759	08-05-26
Florida	NELAP	E871002	06-30-26
Louisiana (All)	NELAP	03054	06-30-26
New Mexico	State	TX00122	06-30-26
Oklahoma	NELAP	1306	10-06-25
Texas	NELAP	T104704215	06-30-26
Texas	TCEQ Water Supply	T104704215	12-30-25
USDA	US Federal Programs	525-23-79-79507	03-20-26

 $<sup>^{\</sup>star} \ \text{Accreditation/Certification renewal pending - accreditation/certification considered valid}.$ 

**Eurofins Cedar Falls** 

# **Method Summary**

Client: Clayton County Recycling Project/Site: CCR 091925

Job ID: 310-316501-1

Viethod	Method Description	Protocol	Laboratory
3082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET CF
6010D	Metals (ICP)	SW846	EET CF
470A	Mercury (CVAA)	SW846	EET CF
023	Organic Halides, Extractable (EOX)	SW846	EET HOU
045D	рН	SW846	EET CF
240-87	Heat of Combustion	ASTM	EET HOU
92	Flashpoint	ASTM	EET CF
311	TCLP Extraction	SW846	EET CF
010A	Preparation, Total Metals	SW846	EET CF
511	Microextraction of Organic Compounds	SW846	EET CF
546	Microwave Extraction	SW846	EET CF
470A	Preparation, Mercury	SW846	EET CF
)23	Preparation, EOX	SW846	EET HOU
l Leach	Deionized Water Leaching Procedure	ASTM	EET CF

#### Protocol References:

ASTM = ASTM International

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

#### Laboratory References:

EET CF = Eurofins Cedar Falls, 3019 Venture Way, Cedar Falls, IA 50613, TEL (319)277-2401 EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

**Eurofins Cedar Falls** 

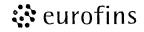
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# Environment Testing America



# Cooler/Sample Receipt and Temperature Log Form

Client Information	Client Information				
Clien Cayton Courty					
City/State: ditY state	Project <sup>.</sup>				
Receipt Information					
Date/Time Received: 25/25 0845	Received By:				
Delivery Type DUPS FedEx	FedEx Ground US Mail Spee-Dee				
Lab Courier Lab Field Services	Client Drop-off Other				
Condition of Cooler/Containers					
Sample(s) received in Cooler? Yes	If yes. Cooler ID.				
Multiple Coolers?	If yes: Cooler # of				
Cooler Custody Seals Present? Yes No	If yes: Cooler custody seals intact? \( \subseteq \text{Yes} \)				
Sample Custody Seals Present? Yes No	If yes: Sample custody seals intact? Yes				
Trip Blank Present?	If yes: Which VOA samples are in cooler? ↓				
Temperature Record					
Coolant: Wet ice Blue ice Dry ic	e 🔲 Other: 🕅 NONE				
Thermometer ID:	Correction Factor (°C)·				
• Temp Blank Temperature – If no temp blank, or temp blank t	emperature above criteria, proceed to Sample Container Temperature				
Uncorrected Temp (°C):	Corrected Temp (°C):				
Sample Container Temperature	LOOUTAWED				
Container(s) used.	CONTAINER 2				
Uncorrected Temp (°C):					
Corrected Temp (°C):					
Exceptions Noted ~ ~~~					
If temperature exceeds criteria, was sample(s) rec     a) If yes: Is there evidence that the chilling proce					
2) If temperature is <0°C, are there obvious signs that (e g , bulging septa, broken/cracked bottles, froze	at the integrity of sample containers is compromised? n solid?)				
Note If yes, contact PM before proceeding If no, proceed with login					
Additional Comments					
Additional Comments					
Additional Comments					
Additional Comments					

Document CED-P-SAM-FRM45521 Revision 26 Date 27 Jan 2022

General temperature criteria is 0 to 6°C Bacteria temperature criteria is 0 to 10°C

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10/13/2025

# **Chain of Custody Record**

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Eurofins Cedar Falls																															
3019 Venture Way Cedar Falls, IA 50613 Phone: 310-277-2401 Fav. 310-277-2425	0	Chain of Custody Record	of Cus	tody R	ecc	ď							37	الساج.	PV.TH. I'E:							O	S	eurot ns	C,						
Client Information (Sub Contract Lab)	Sampler N/A			Lab PM: Dietz,	Lab PM: Dietz, Hannah	nah E	" }					1	N/A	Carrier Tracking No(s): N/A	rac	ίng	(S)	- "}		- 1	ωÖ	흦	87 S	COC No: 310-87226.1					1		- 1
act /Receiving	Phone: N/A			∈-Mail: Hanna	E-Mail: Hannah.Dietz@et.eurofinsus	(ZZ)	eter	ofin		S S			င်္က နွေ	State of Origin: lowa	Orig	Ę.					77 773	Page:	Page: Page 1 of 1	Ť.	ľ	J	- 1	- 1			- 1
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Project Name: CCR 091925	Project #: 31001320													—-							ainer										
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Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.	Testing North Centra we for analysis/tests ral LLC attention im	si LLC places t matrix being ar mediately. If al	he ownership on allyzed, the sa	of method, anal mples must be preditations are	/te & a shippe current	credit back to dat	ation of to the te, retu	im the	ance fins E sign	upon Iviron Id Ch	our su ment ain of	ibcor Testi Cust	hract Ng Na Ody a	labor orth C	atoric Protes	sald Sald	C in its	amp borat plian	ice sh	t oth Eur	er in offns	struc Struc	arded tions ironm	d und will b	ler ch e pro	ain-o widec 9 Nor	t-cust	ody. y cha	If th	5, & g	
Possible Hazard Identification Unconfirmed				ini	Š	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)  Return To Client Disposal By Lab Archive For Mon	iple Disposal (A f Return To Client	posa 170	Clie	† fee	maj	[] ģ	assessed if san Disposal By Lab	3200	i By	res,	'Joan	8	∏§]	A a	Chi in	tained long Archive For	or nge	ź	3	2 2	nth) Months	ns l			
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Custody Seals Intact: Custody Seal No						<u>8</u>	Cooler Temperature(s) °C and Other Remarks	npera	ture(s	) °C a	20	her F	ema	œ l							9	Î				ļ	Ì	- (	j		ļ

Ver: 0/ 0/ 024

# **Login Sample Receipt Checklist**

Client: Clayton County Recycling

Job Number: 310-316501-1

SDG Number:

Login Number: 316501 List Source: Eurofins Cedar Falls

List Number: 1

Creator: Homolar, Dana J

Cleator. Holliolar, Dalla 3		
Question	Answer	Comment
Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>N/A</td> <td></td>	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	In a box
Cooler Temperature is acceptable.	False	Cooler temperature outside required temperature criteria.
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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# **Login Sample Receipt Checklist**

Client: Clayton County Recycling

Job Number: 310-316501-1

SDG Number:

Login Number: 316501 **List Source: Eurofins Houston** List Number: 2

List Creation: 09/26/25 10:55 AM

Creator: Torrez, Lisandra

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	